Amendments to the Specification

Please replace paragraph 1 with the paragraph shown below.

[00001]   This nonprovisional patent application is related to the following
contemporaneously filed nonprovisional patent applications: U.S. Patent Application
serial number ~~<042390.P17060>~~ 10/611,787, entitled, "System and Method for
Programmatically Changing the Physical Network Location of a Network Device;" U.S.
Patent Application serial number ~~<042390.P17059>~~ 10/610,989, entitled "System and
Method for Dynamically Configuring and Transitioning Wired and Wireless Networks;"
U.S. Patent Application serial number ~~<042390.P17062>~~ 10/611,591, entitled "System
and Method for Synchronous Configuration of Dynamic Host Configuration Protocol
(DHCP) Server and Router Interfaces"; and U.S. Patent Application serial number
~~<042390.P17063>~~ 10/611, 786, entitled "System and Method for the Design and
Description of Networks."

Please replace paragraph 16 with the paragraph shown below.

[00016]   Power management section 206 contains a list of power management
modules used to programmatically apply power to (and remove power from) specific
network components, in an embodiment of the invention. Controlling the application of
power to network components is useful during network configurations and transitions as
is further described in related U.S. Patent Application Serial Number ~~<042390.P17059>~~
10/610,989. Power management section 206 includes module section element 242 to
describe a power management module. Module section element 242 includes data
elements 244 and 247. Data element 244 contains information element 246 to specify a
home address for the described power management module. In the illustrated
embodiment, data element 247 includes information element 248 and association element
250. Association element 250 specifies a network element whose power is controlled by
the described power management module. Similarly, a person of ordinary skill in the art

appreciates that the structure of power management section 206 may vary in alternative embodiments of the invention.

Please replace paragraph 22 with the paragraph shown below.

[00022]   A network management agent (e.g., network management agent 1050, shown in FIG. 10) can use the standardized format of network resource and association file 200 to dynamically sort, allocate, and manage associations of resources according to predefined algorithms. By adhering to a standard specification for describing network components, a network management agent can use network resource and association file 200 to dynamically determine resource availability and allocate network resources based on that information. For example, in related U.S. Patent Application serial number ~~<042390.P17059>~~ 10/610,989, the standardized format of network resource and association file 200 enables dynamic configurations and transitions of networks.

Please replace paragraph 29 with the paragraph shown below.

[00029]   FIG. 4 is an illustration of an exemplary current network state snapshot 400. The illustrated embodiment of current network state snapshot 400 is organized according to one or more subnets sections (e.g., subnet section 405). Each subnet section contains information about one or more network components within the subnet (e.g., node section 410). Node section 410 includes information about potential movement. Information about potential movement may include a list of network topologies based on network topologies and interfaces available to the node. For example, if a node contains an 802.11a network adaptor (and an 802.11a access point exists on the network), the node is able to make a transition to a wireless network connection. Network state snapshot 400 is more fully described in related U.S. Patent Application serial number ~~<042390.P17063>~~ 10/611,786.

Please replace paragraph 36 with the paragraph shown below.

[00036]   FIG. 6 illustrates exemplary network configuration request 600. Network configuration request 600 includes subnet group section 605 and device section 610. Subnet group section 605 may be used to organize a plurality of subnet subsections (e.g., subnet subsection 615). Each subnet subsection may list information about the type of network topology requested for the subnet. For example, a particular subnet may include both wired and wireless network infrastructure. Device section 610 may include information about nodes within a requested network configuration and a start position for mobile nodes within a requested network configuration. Network configuration requests are more fully described in related U.S. Patent Application serial number <042390.P17063> 10/611, 786.

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